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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

Applicants	:	Tony K. Ngai et al.
Application No.	:	09/124,649
Filed	:	July 29, 1998
For	:	PROGRAMMABLE LOGIC DEVICE HAVING EMBEDDED DUAL-PORT RANDOM ACCESS MEMORY CONFIGURABLE AS SINGLE-PORT MEMORY
Group Art Unit	:	2752
Examiner	:	Pierre-Michel Bataille

New York, New York 10020
October 20, 2000

Hon. Commissioner for Patents
Washington, D.C. 20231

SECOND SUPPLEMENTAL
INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §§ 1.56 and 1.97, applicants hereby make the following patents and publications of record in the above-identified patent application:

Kaplinsky U.S. Patent No. Re 34,444 (November 16, 1993)
Patil U.S. Patent No. 4,293,783 (October 6, 1981)
Carter U.S. Patent No. 4,642,487 (February 10, 1987)
Carter U.S. Patent No. 4,706,216 (November 10, 1987)
Carter U.S. Patent No. 4,758,985 (July 19, 1988)
Kawata U.S. Patent No. 4,825,414 (April 25, 1989)
Imazeki et al. U.S. Patent No. 4,831,591 (May 16, 1989)
Ikeda U.S. Patent No. 4,855,958 (August 8, 1989)
Freeman U.S. Patent No. 4,870,302 (September 26, 1989)
Nakayama et al. U.S. Patent No. 4,903,236 (February 20, 1990)
Keida U.S. Patent No. 4,963,770 (October 16, 1990)

Steele U.S. Patent No. 4,975,601 (December 4, 1990)
Agrawal et al U.S. Patent No. 5,042,004 (August 20, 1991)
Neal et al. U.S. Patent No. 5,089,993 (February 18, 1992)
Steele U.S. Patent No. 5,099,150 (March 24, 1992)
Chan et al. U.S. Patent No. 5,122,685 (June 16, 1992)
Steele U.S. Patent No. 5,128,559 (July 7, 1992)
Oh U.S. Patent No. 5,138,577 (August 11, 1992)
Steele U.S. Patent No. 5,144,582 (September 1, 1992)
Agrawal et al. U.S. Patent No. 5,212,652 (May 18, 1993)
Cliff et al. U.S. Patent No. 5,258,668 (November 2, 1993)
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New U.S. Patent No. 5,349,250 (September 20, 1994)
Watson U.S. Patent No. 5,352,940 (October 4, 1994)
Stansfield U.S. Patent No. 5,408,434, (April 18, 1995)
Freidin U.S. Patent No. 5,414,377 (May 9, 1995)
Liu et al. U.S. Patent No. 5,425,036 (June 13, 1995)
Ong U.S. Patent No. 5,426,378 (June 20, 1995)
Pedersen et al. U.S. Patent No. 5,436,575 (July 25, 1995)
Huang U.S. Patent No. 5,448,522 (September 5, 1995)
Yumitori et al. U.S. Patent No. 5,471,425 (November 28, 1995)
Cliff et al. U.S. Patent No. 5,550,782 (August 27, 1996)
Freidin et al. U.S. Patent No. 5,566,123 (October 15, 1996)
Steele et al. U.S. Patent No. 5,809,281 (September 15, 1998)
Tsui et al. U.S. Patent No. 5,835,405 (November 10, 1998)
European Pat. Off. 0 081 917 (June 22, 1983)
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Casselman, "Virtual Computing and The Virtual Computer," IEEE, July 1993, p. 43

Hsieh et al., "Third Generation Architecture Boosts Speed and Density of Field Programmable Gate Arrays," Proc. of IEEE CICC Conf., May 1990, pp. 31.2.1 to 31.2.7

Intel Preliminary Datasheet, "iFX780: 10ns FLEXlogic FPGA with SRAM Option," November 1993, pp. 2-24 through 2-46

Kautz, "Cellular Logic-in-Memory Arrays," IEEE Trans. on Computers, Vol. C-18, No. 8, Aug. 1969, pp. 719-27

Kawana, K. et al., "An Efficient Logic Block Interconnect Architecture for User-Reprogrammable Gate Array," IEEE 1990 Custom Integrated Circuits Conf., May 1990, CH2860-5/90/0000-0164, pp. 31.3.1 to 31.3.4

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Quinnell, R.A., "FPGA Family Offers Speed, Density, On-Chip RAM, and Wide-Decode Logic," EDN, December 6, 1990, pp. 62, 64

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Xilinx, Inc. The Programmable Logic Data Book, 1993

Xilinx, Inc., The Programmable Logic Data Book, pp. 2-5 through 2-102, 1994

Copies of the aforementioned patents and publications, which are listed on the accompanying Form PTO-1449 (submitted in duplicate), are enclosed herewith.

It is respectfully requested that these patents and publications be (1) fully considered by the Patent and Trademark Office during the examination of this application; and (2) printed on any patent which may issue on this application. Applicant requests that a copy of Form PTO-1449, as considered and initialled by the Examiner, be returned with the next communication.

A check in the amount of $240.00, in payment of the fee set forth in 37 C.F.R. § 1.17(p), is enclosed herewith. The Director is hereby authorized to charge any additional fee that may be due, or credit any overpayment, in connection with this Second Supplemental Information Disclosure Statement, to Deposit Account No. 06-1075. A duplicate copy of this Second Supplemental Information Disclosure Statement is enclosed herewith.

An early and favorable action is respectfully requested.

Respectfully submitted,

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